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**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

PELED et al.

Serial No.: 09/986,503

Filed: November 9, 2001

For: Serum-Derived Factor Inducing Cell  
Differentiation and Medical Uses Thereof

Examiner:

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Group Art Unit: 1651

Attorney

Docket: 01/22529

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Sir:

Enclosed is a PTO Form SB/08A which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,

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Sol Sheinbein  
Registration No. 25,457  
Attorney for Applicant

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			Application Number	09/986,503	
			Filing Date	November 9, 2001	
			First Named Inventor	Peled et al	
			Group Art Unit	1651	
			Examiner Name		
Sheet	1	of	5	Attorney Docket Number	01/22529

U.S. PATENT DOCUMENTS						
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		Number	Kind Code <sup>2</sup> (if known)			
	AA	4,335,116		Howard	06-15-1982	
	AB	4,642,120		Nevo et al	02-10-1987	
	AC	4,666,844		Cheng	05-19-1987	
	AD	4,820,531		Tomes	04-11-1989	
	AE	4,863,747		Tomes	09-05-1989	
	AF	4,932,992		Radel	06-12-1990	
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	AH	4,937,193		Hinchliffe et al	06-26-1990	
	AI	4,952,607		Sorenson et al	08-28-1990	
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	AS	5,545,418		Iritani et al	08-13-1996	
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	AZ	5,635,387		Fei et al	06-03-1997	
	BA	5,637,323		Wilttrout et al	06-10-1997	

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	BB	5,650,147		Wolpe et al	07-22-1997	
	BC	5,654,186		Cerami et al	08-05-1997	
	BD	5,666,557		Murray et al	09-09-1997	
	BE	5,674,750		Kraus et al	10-07-1997	
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	BG	5,677,136		Simmons et al	10-14-1997	
	BH	5,679,550		Yoshimura et al	10-21-1997	
	BI	5,681,559		DiGiusto et al	10-28-1997	
	BJ	5,716,411		Orgill et al	02-10-1998	
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	BL	5,728,581		Schwartz et al	03-17-1998	
	BM	5,733,541		Taichman, et al.	03-31-1998	
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	BP	5,807,884		Medford et al	09-15-1998	
	BQ	5,925,567		Kraus et al	07-20-1999	

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	BR	Savyon-Healthcare, "Stem Cell Culture Rights Claims by Aastrom, Clinica 785, July 14, 1997, pp. 01	
	BS	Hogan et al., Engraftment and Development ... Blood 1997, July 1, 1990, (1) pp. 85-96	
	BT	Shpall E.J., The Utilization of Cytokines..., Bone Marrow Transplant, 1999, May 23 Suppl.	
	BU	Nieto Y, et al., Autologous stem-cell..., Hematal Oncol. Clin North Am, 1999, Oct. 13 (5), pp. 939-968	
	BV	Shpall et al., Peripheral Blood Stem Cell ..., Baillieres Best... 1999, March – June, 12 (1-2) pp. 219-232.	

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	BW	Howrey, RP et al., Graft-versus-leukemia-induced ... Bone Marrow Transplant 2000, Dec. 26 (11) pp. 1251-1254	
	BX	Shpall E.J. et al, Purging of Autologous..., J. Hematother 1992 Spring, 1(1), pp. 45-54	
	BY	Shpall E.J. et al, Transplantation of ..., J. Hematother 1994 Summer, 3(2), pp. 145-145	
	BZ	Berenson, RJ et al., Transplantation of... Cancer Invest. 1996, 14 (6), pp. 589-596	
	CA	Cagnoni P.J., Mobilization and Selection..., Blood Rev 1996 March, 10 (1) pp. 1-7	
	CB	Shpall et al., Periperal Blood Stem Cells ..., Annu Rev Med 1997, 48, pp. 241-251	
	CC	Shpall et al., Effects of CD34+... Biol Blood Marrow Transplant, 1998, 4 (2), pp. 84-92	
	CD	Hogan CJ et al., Multilineage Engraftment ... Biol Blood Marrow Transplant, 1997, Nov, 3(5) pp. 236-246	
	CE	Shpall EJ, Stem Cell Isolation, Curr Opin Hematol, 1995, Nov. 2 (6) pp. 452-459	
	CF	Peters WP et al., Role of Cytokines..., Hematol Oncol Clin North Am 1993, June, 7(3) pp. 737-747	
	CG	Kurtzberg J. Unrelated Placental Blood... Stem Cells 2000, 18(2), pp. 153-154	
	CH	Fraser J.K. et al, Cord Blood Transplantation Study ..., J. Hematother 1998 Dec. 7, (6) pp. 521-561	
	CI	Rubinstein P. et al., Outcomes Among 562 ..., N. Engl J. Med 1998, Nov. 26, 339 (22) pp. 1565-1577	
	CJ	Kurtzberg J. et al., The Use of Umbilical ..., Blood Cells 1994, 20 (2-3), pp. 275-2783, discussion 284	
	CK	Sugarman J., Ethical Aspects of Banking ..., JAMA 1995 Dec 13, 274 (22), pp 1783-1785	
	CL	Kelly P., Umbilical Cord Blood Stem Cells..., J. Pediatr. 1997, May, 130 (5) pp. 695-703	
	CM	Klein A.K. et al., T-Cell Recovery in Adults ..., Biol. Blood Marrow Transplant 2001, 7 (8) pp 454-466	
	CN	Gluckman E., Use of Hematopoietic..., Bull Acad. Mat'l Med. 1998, 182 (2), pp. 337-348	
	CO	Gluckman E. et al., Umbilical Cord Blood Transplants, Curr. Opin. Hematol, 2000, Nov.; 7 (6) pp. 353-357	
	CP	Gluckman E. et al., Results of Unrelated Umbilical Cord ..., Rev. Clin. Exp. Hematol 2001, June, 5 (2) pp. 87-99	
	CQ	Broxmeyer HE et al., Umbilical Cord Blood ..., Blood Cells 1991, 17, (2), pp. 313-329	

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	CR	Broxmeyer HE et al., Human Umbilical Cord Blood ..., Int. J. Cell Cloning 1990, Jan, 8 Suppl. 1, pp. 76-89, discussion pp. 89-91	
	CS	Walters MC et al., Collaborative Multicenter ..., Biol. Blood Marrow Transplant 1997, Dec. 3, (6), pp. 310-315	
	CT	Laursen pH et al., Synthesis of 2,4,7-trichloroimidazo ..., J. Am. Chem. Soc, Vol 27, July 1962, pp. 2500-2504	
	CU	Beardsley T., Stem Cells Come of Age, on-line Scientific American, July 1999, pp. 1-2	
	CV	Long-Term Expansion of Hemopoietic Progenitors (HPC) from Human Umbilical Cord Blood by Copper Chelators, presented at 41 <sup>st</sup> ASH Meeting, 1999, New Orleans, USA	
	CW	Regulation of Long-Term Expansion of Hemopoietic Stem-Progenitor Cells (HPC) By Intracellular Copper Content, presented at 42 <sup>nd</sup> ASH Meeting, 2000, San Francisco, USA	
	CX	Involvement of Copper in Proliferation and Differentiation of Hemopoietic Progenitors, presented at 41 <sup>st</sup> ASH Meeting, 1999, New Orleans, USA	
	CY	Zhao J. et al., An Efficient Method for The Cryopreservation of Fetal Human Liver Hematopoietic Progenitor Cells, Stem Cells 2001, 19, pp. 212-218	
	CZ	Ohta Y. et al., Ascorbate-induced high-affinity... Biochem Biophys Res. Commun. 2001, Oct. 5, 287 (4), pp 888-894	
	DA	Aoki S., et al., A Double-Functionalized Cyclen... J. Am. Chem. Soc. 2001, Feb. 14, 123(6), pp 1123-1132	
	DB	Al-Abdullah IH et al., Neogenesis of Pancreatic Endocrine ..., Pancreas 2000, Jul, 21 (1), pp. 63-68	
	DC	Kim SY et al., Macrocycles within Macrocycles... Angew Chem. Int. Ed. Engl. 2001, June 1, 40 (11) pp. 2119-2121	
	DD	Jones-Wilson TM et al., The <i>in-vivo</i> Behavior of Copper-64-Labeled..., Nucl. Med. Biol. 1998, Aug. 25, (6) pp. 523-530	
	DE	Kimura E. et al., Why Zinc in Zinc Enzymes ..., J. Biol. Inorg. Chem. 2000, Apr. 5, (2) pp. 139-155	
	DF	Inouye Y. et al., Inhibition of Human Immunodeficiency..., Biol, Pharm Bull, 1994, Feb., 17 (2), pp. 243-250	
	DG	Kikuta E. et al., Controlling Gene Expression..., J. Inorg. Biochem, 2000, Apr., 79 (1-4), pp. 253-259	
	DH	Bridger GJ et al., Synthesis and Structure-Activity..., J. Med. Chem., 1996, Jan 5, 39 (1), pp. 109-119	

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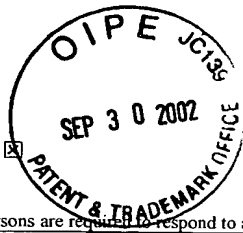
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	DI	Inouye Y. et al., Differential Contribution of Metal..., Biol. Pharm. Bull, 1996, Mar. 19(3) pp. 456-458	
	DJ	Hyun HJ et al., Depletion of Intracellular Zinc and Copper ..., Invest Ophthalmol Vis Sci 2001, Feb; 42	
	DK	Pyatt DW et al., Dithiocarbamates Inhibit..., Biochem Biophys. Res. Commun, 2000, Aug. 2, 274 (2), pp. 513-518	
	DL	Chen. SH et al., Oxidative Stress and c-Jun-..., Eur. J. Pharmacol, 2001, Mar 2, 414,(2-3), pp. 177-188	
	DM	Iseki A., et al., Pyrrolidine dithiocarbamate Inhibits..., Biochem Biophys Res. Commun. 2000, Sept. 16, 276(1) pp. 88-92	
	DN	Cox C. et al., The Role of Copper Suppression..., Laryngoscope 2001, Apr. 111(4 Pt 1), pp 696-701	
	DO	Thaler F. et al., Structural, Spectroscopic..., Inorg Chem 1998, Aug. 10, 37(16), pp. 4022-4029	
	DP	Chelators for Iron Overload, October 8, 1999, pp. 1-5	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	DQ	WO	00/11139		T. Breeders, Inc.	03-02-2000		

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